# Thermal Controller

# IP-THD3

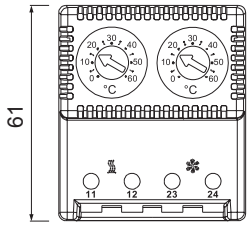
## THERMOSTAT | DOUBLE | NO / NO CONTACTS

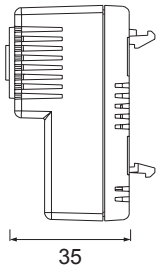
**Compact Double Thermostat for DIN 35mm rail mounting. Based on bimetallic junction, provides high capacity and separated NO and NC contacts in various combinations.**

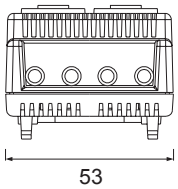
IP Enclosures provide a range of thermal control products for electrical enclosures. The range of controllers are suitable for use with IP Enclosures range of heating and cooling products. The range includes thermostats, hygrostats, electronic thermostat temperature controllers and fan speed controllers. IP Enclosures thermal control products are manufactured to the highest quality in Italy.

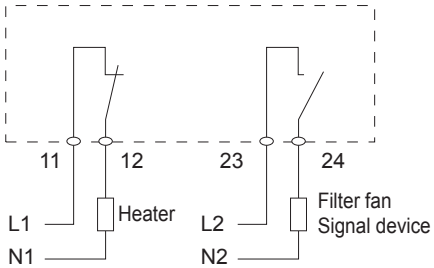
**Standards (& Conformities):** 2014/35/EU: IEC 60598-1, IEC 60730-1, IEC 60730-2-9
2014/30/EU: IEC 55014, IEC 61000-3-3, IEC 61000-3-2, RoHS CE

| Features | Unit | IP-THD3 | |
|---|---|---|---|
| Contact Function | - | NO | NO |
| Temperature Setting Range | °C | 0 / +60 | 0 / +60 |
| Precision | °C | ±4 | |
| Hysteresis | °C | 7 | |
| Max. Switching Current | | | |
| 250V AC Resistive Load (Inductive Load) | A | 10 (1.6) | |
| 125V AC Resistive Load (Inductive Load) | A | 15 (2.5) | |
| Max. Switching Power in V DC | W | 30 | |
| Temperature Sensor Type | - | Thermostatic bimetal | |
| Contact Type | - | Snap action | |
| Contact Resistance | mOhm | < 10 | |
| Service Life | Cycles | > 100 000 | |
| Electrical Connections | - | 2-Pole terminal for 2.5mm² wire | |
| Casing | - | PA6, UL94V-0 Self-extinguishing; light grey RAL7035 | |
| Protection Degree EN60529 | - | IP20 | |
| Operating Temperature | °C (°F) | -25 / +80 (-13 / +176) | |
| Storage Temperature | °C (°F) | -45 / +80 (-49 / +176) | |
| Mounting | - | Clip for mounting on DIN rail 35 mm EN50022 | |
| Installation Position | - | Variable | |
| Dimensions HxWxD | mm | 61H x 53W x 35D | |
| Weight (With Packaging) | Kg | 0.080 (0.090) | |
| Conformity / Certification | - | CE-UL c UL us File n. E348803 | |





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**STANDARDS, CONFORMITIES & CERTIFICATES:**

Low Voltage Directive 2014/35/EU Compliance: IEC 60598-1, IEC 60730-1, IEC 60730-2-9
Electromagnetic Compatibility Directive 2014/30/EU Compliance: IEC 55014, IEC 61000-3-3, IEC 61000-3-2
CE Certificate of Compliance: Certificate SZT-24 MA 33485-1

Products are manufactured to Quality, Safety and Environmental Standards.


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